



Serial No. 09/542,042  
SEC.701  
Amendment dated June 13, 2005

*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

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In re Patent application of : **Mail Stop AF**  
Jae-yoon SIM et al. : Group Art Unit 2631  
Serial No. 09/542,042 : Examiner Pankaj Kumar  
Filed March 31, 2000 :

HIGH FREQUENCY EQUALIZER USING DEMULTIPLEXING TECHNIQUE AND RELATED  
SEMICONDUCTOR DEVICE

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**AMENDMENT AFTER FINAL**

U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AF  
Randolph Building  
401 Dulany Street  
Alexandria VA 22314

Sir:

In response to the Office Action of March 30, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.